

Video Display

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Installation manual



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1 - Introduction

1.1 - Warnings and tips

Before proceeding with the installation read this manual carefully. The guarantee is automatically cancelled in the case of negligence, incorrect use and tampering by unauthorised people.

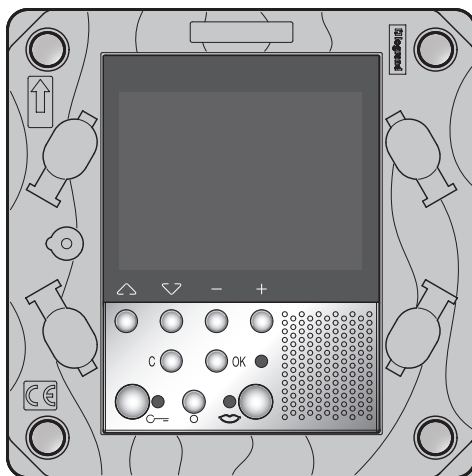
Thus the Video Display:

- must only be installed indoors;
- must not be exposed to drips or splashes of water;
- must only be used on Legrand digital 2-wire video door entry systems.

1.2 - Package content

The package contains:

- Video Display
- Installation Manual
- User Manual
- CD



2 - Description

2.1 - Main functions

The Legrand Video Display is the evolution of the video handset which can be used in managing the home system. As well as all the 2-wire digital door entry functions, in systems combined with the My Home Legrand multimedia system, Video Display can manage the home: from security to well-being to entertainment (display of the alarm state, sound system, temperature setting in single rooms).

It has a 2.5" colour LCD screen, icon menu, menu navigation keys and video door entry function keys.

COMBINATIONS

Communication:

Allows access via the main menu page to a set of predefined video door entry function keys:

INTERCOM – intercom call to an audio handset

CAMERA – direct activation of the camera associated to the entrance panel or separate for video CCTV

ACTIVATION – direct activation of the actuator associated to the entrance panel

SEQUENTIAL SWITCHING – sequential activation of the cameras in the system

Scenarios:

Can activate the first five scenarios saved in the scenario module.

Alarms:

Can display the divided zones, the system state and the last three alarms received with information on them (date, time and type of alarm).

Sound system:

Can manage the Legrand digital sound system: cycle the sources and the tune/station of the active source.

Temperature control:

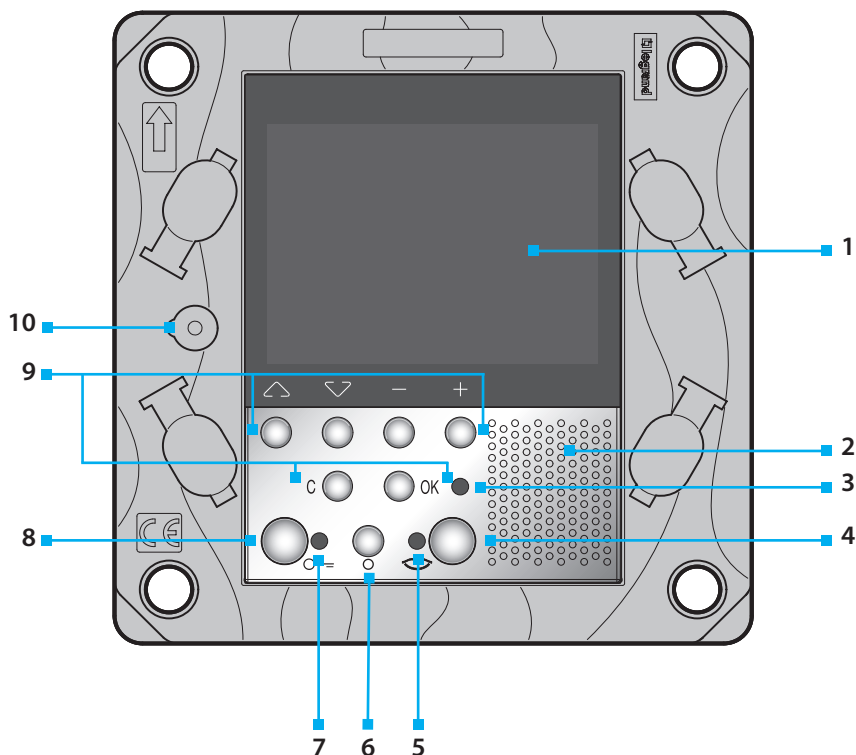
Can monitor the state of the temperature control unit, display and adjust the temperature (manual) in the single zones of the home and set the Protection/Week/Off state.

Multimedia:

Can access and manage the multimedia system.

2 - Description

2.2 - Front view



- 1 **Colour LCD display**; displays the menus which guide the use and programming operation, shows the pictures taken by the entrance panel or other cameras.
- 2 **Loudspeaker**
- 3 **Call bell exclusion LED**
- 4 **Connection key**; activates/deactivates the sound connection
- 5 **Connection LED**
- 6 **Switch ON entrance panel and cycling key**
- 7 **Door lock LED**
- 8 **Door lock key**; activates the electric door lock of the associated or connected entrance panel.
- 9 **Navigation keypad**; navigates inside the menus, confirms (OK key) or cancels (C key) the programming operations.
- 10 **Microphone**

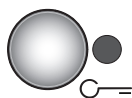
2 - Description

2.3 - Video door entry function keys



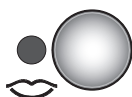
Activation Entrance Panel/Cycling

Activates the switching ON of the associated Entrance Panel and cycles any other Entrance Panels/cameras.



Door lock key

In connection opens the door lock of the connected Entrance Panel, at rest that of the associated Entrance Panel. The LED signals its operation.



Connection key

Activates/deactivates the connection. If a call is received the LED flashes, during the conversation it shines steadily. At rest activates the paging function (if enabled).

2.4 - Navigation keys



OK key

Gives access to the menu; confirms the selection made.



^ v keys

Inside the menus selects the previous or next item.



- + keys

Inside the menus change the value set.

In audio/video connection allow quick access to the audio/video adjustments.

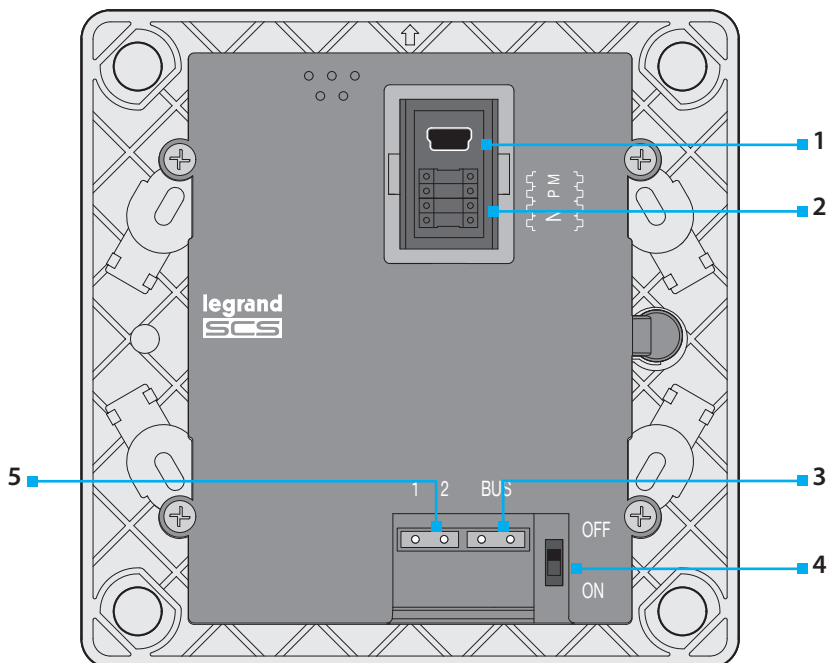


C key

Returns to the previous screen. If on the first screen switches the display OFF.

2 - Description

2.5 - Rear view

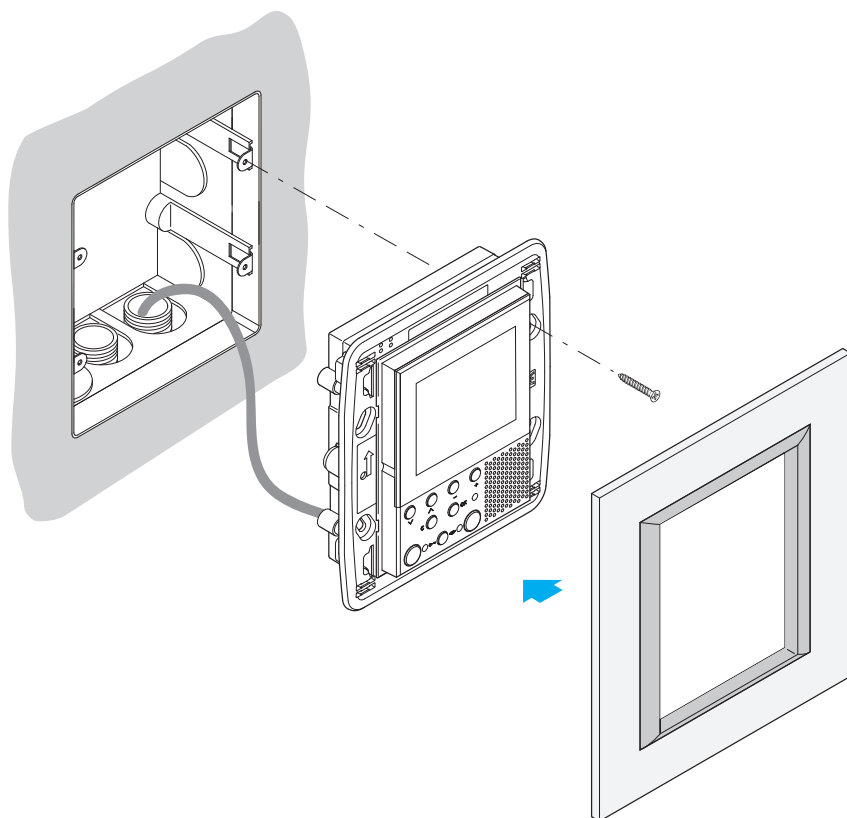


- 1 Mini-USB connector for connection to the PC
- 2 Configurator socket
- 3 Connection to the Legrand 2-wire digital system BUS
- 4 Stretch end ON/OFF microswitch
- 5 Connector for extra power supply

3 - Installation

3.1 - Installation with flush-mounted box

To install the Video Display use a flush-mounted box item 506E



After making all the connections fasten the Video Display to the flush-mounted box being careful to arrange the wires so that they are not damaged.
Finish the installation with the cover plate in the version required.

4 - Quick configuration

QUICK CONFIGURATION BY MEANS OF M CONFIGURATOR

Note: If the apartment has the 2-wire apartment interface item 346850 (BTicino) the Video Display should be configured using Advanced Configuration.

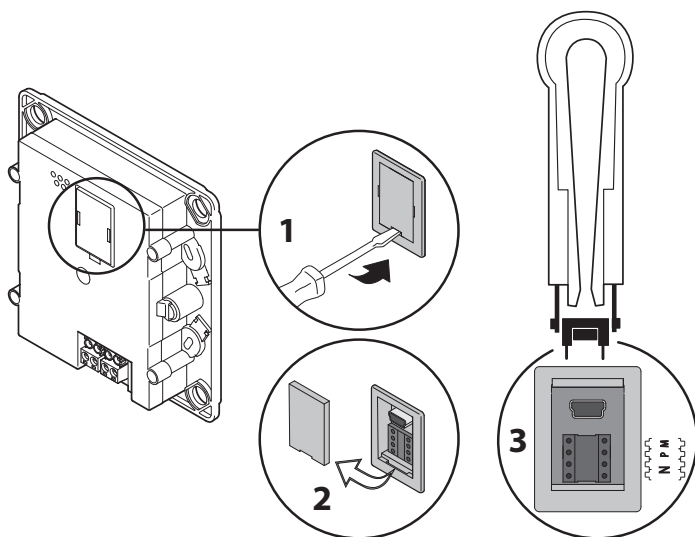
The quick configuration is recommended for standard video door entry systems where no special functions are required and short installation times are important.

In this case the device is configured physically, inserting the configurators in sockets N, P and M.

The configurator in M defines the video door entry mode corresponding to a predefined set of five video door entry functions.

CAUTION

If the device is configured by configurations the configuration CANNOT BE EDITED from the menu



N = (in double figures) address of the device in the video door entry system

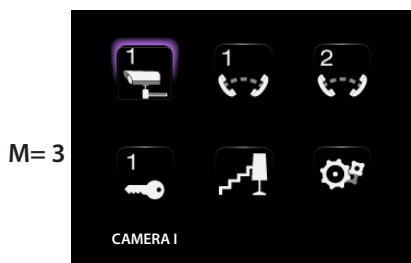
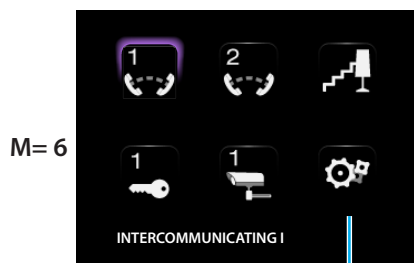
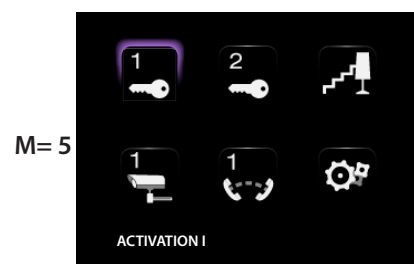
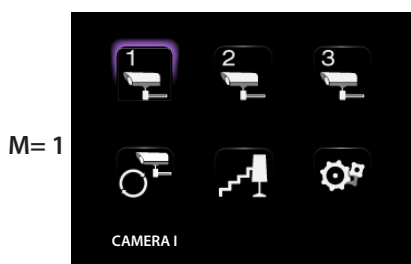
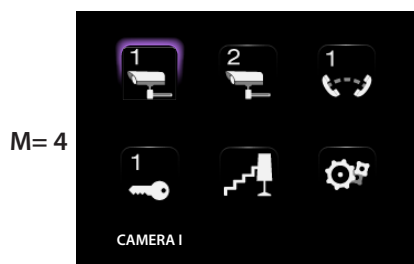
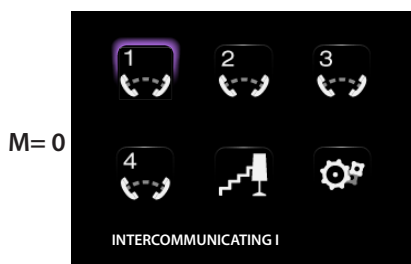
P = address of the Entrance Panel associated with the device

M = mode (defines the main menu page and thus the functions which can be used)

4 - Quick configuration

Selection of mode M

The main menu page will be made up of a set of predefined video door entry functions which can be selected with $M = 0-6$.



The main menu page always has the five selected functions plus SETTINGS which goes to a page dedicated to the device settings and configurations.

4 - Quick configuration



INTERCOMMUNICATING: intercommunicating call to the Handset with address N same as the number indicated by the icon selected. (e.g.: INTERCOMMUNICATING 4 intercommunicating call address to the Handset with N = 4)



CAMERA: direct activation of the camera with the same address as the associated Entrance Panel increased by a number equal to that indicated by the icon selected. (e.g. CAMERA 2 activates the camera with address P+2)



ACTIVATION: activation of the actuator with the same address as the associated Entrance Panel increased by a number equal to that indicated by the icon selected. (e.g. ACTIVATION 3 opening of the Entrance Panel door lock (configured with P+3) directly without the call or activation of actuator item 346200 (BTicino) (configured with P+3 and MOD=5) or activation of actuator item 346230 (BTicino) (configured with P+3)



STAIRCASE LIGHTS: activates the relay which switches the staircase lights ON/OFF

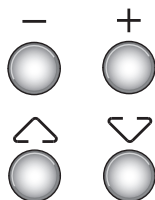
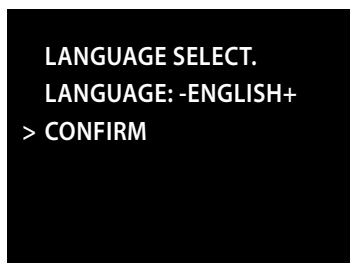


CYCLE CAMERAS: cyclically activates the cameras in the system starting from the associated Entrance Panel P (just one complete cycle is performed)

Completing the Quick Configuration

After the Video Display has been configured and switched on the red "connection LED" flashes, to indicate that the configuration must be finished.

Press any key, the Video Display display shows the language selection menu.



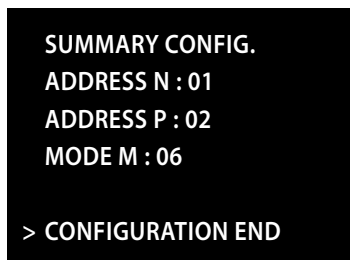
Select the language required from those offered

Select **CONFIRM**



Press **OK** to confirm the selection

The display shows a mask summarising the configuration made



Press **OK** to confirm the configuration

The display and the connection LED go out.
The Video Display is ready for normal working.

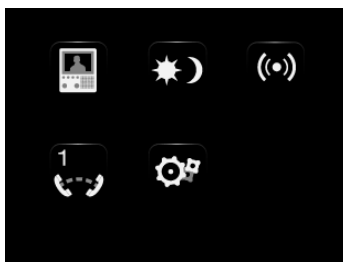
5 - Advanced configuration

Configuration from PC by means of the VideoDisplayConfig software in the CD supplied lets you configure the main menu page without being limited to a predefined set of functions. The type, parameters and text of each function can be customised.

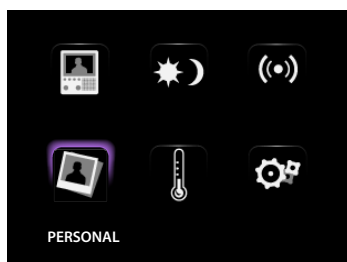
- Greater flexibility in composing the menu.
- Customisation of texts.
- Other ways of managing the house-automation systems.

5.1 - Flexibility in composition

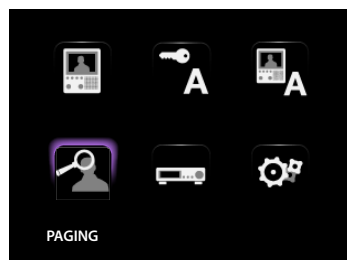
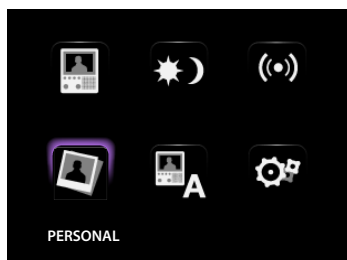
- the first page can be written with the functions and the house-automation systems which your system effectively has



- the call to a second-level page containing mixed functions can be entered



- enter the PROFESSIONAL STUDIO, HANDSFREE, PAGING and MULTIMEDIA commands, which otherwise can only be called from the SETTINGS menu, in the first page or in a second level page.



5 - Advanced configuration

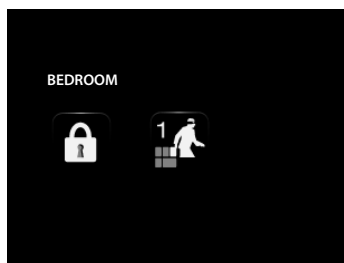
5.2 - Customisation of texts

The items in the Video Display menu (e.g. SCENARIO 4 = Night SCEN, COMMUNICATION = Intercom in the home) can be customised.

The following are also possible for the following systems:

ALARMS

- customise the messages associating a descriptive text to the zone where the alarm comes from
- change the channel combination - type of alarm.



SOUND SYSTEM

- customise the description of 6 Rooms/Amplification sound points
- customise the description of 4 sources



TEMPERATURE CONTROL

- customise the description of 10 system zones

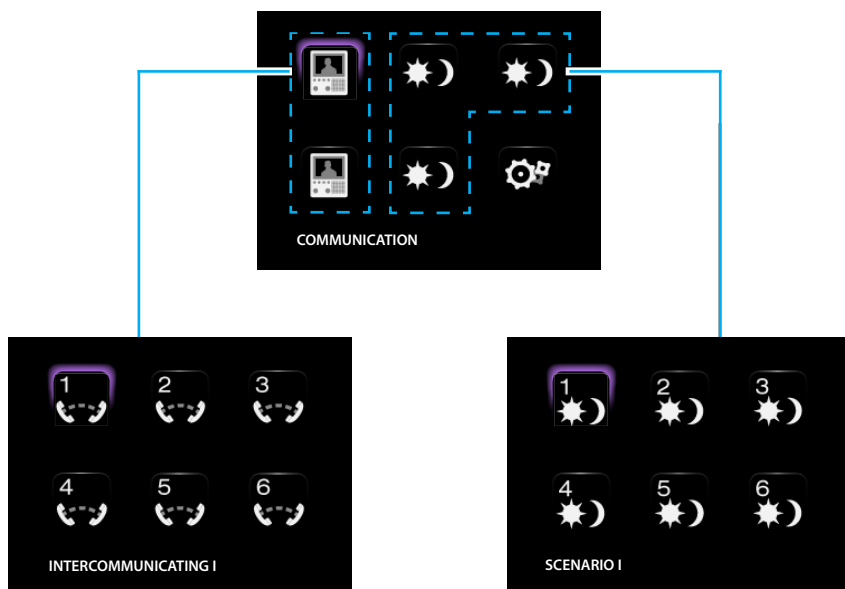


5 - Advanced configuration

5.3 - Other functionalities

SCENARIOS and COMMUNICATION

More than one call for scenarios and communication can be added in the first page. In this way up to 30 scenario or communication functions can be entered:



In the example at the side 12 communication functions and 18 scenarios can be entered.

SOUND SYSTEM

- can select and control up to 6 Rooms/Amplification sound points, specifying the address wanted
- can select and control up to 4 Sources, specifying the address wanted

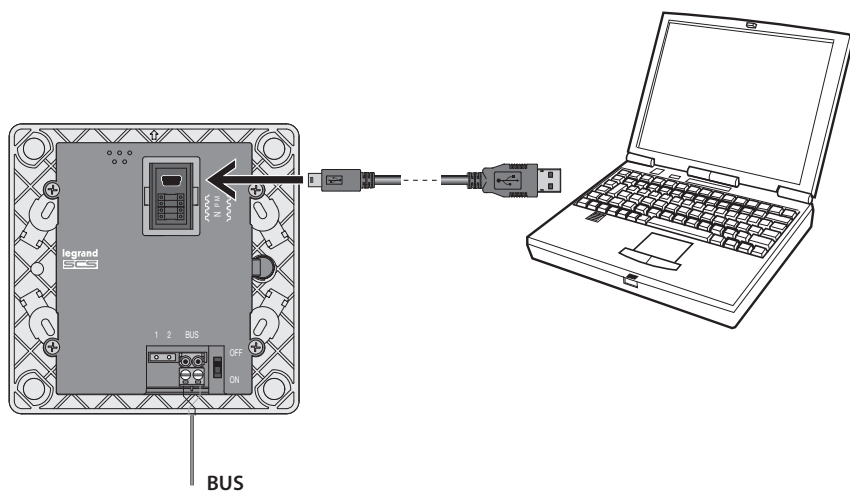
TEMPERATURE CONTROL

- select and control up to 10 system zones, specifying the address wanted

5 - Advanced configuration

5.4 - Connection to the PC

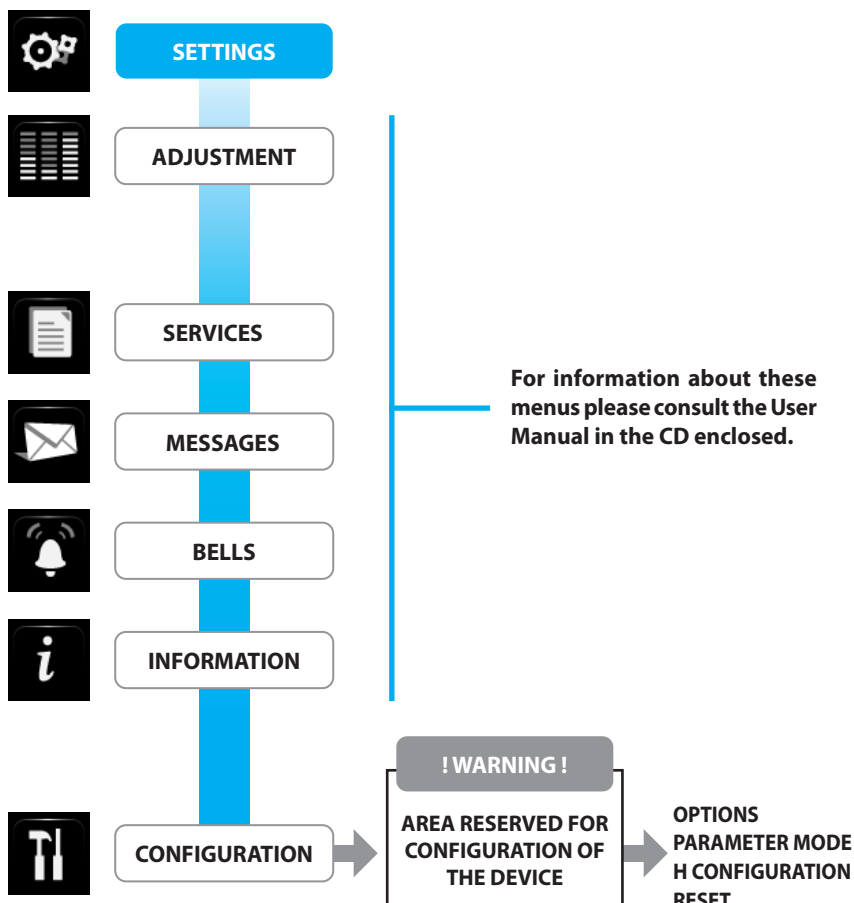
To transfer the configuration made with the VideoDisplayConfig software or update the firmware connect to the Video Display to the PC using USB-miniUSB cable.



In order for the communication to occur, the Video Display must be powered and not physically configured.

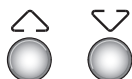
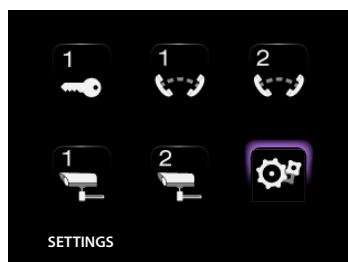
6 - Settings

After configuring the Video Display, you can view and modify the configuration settings in the SETTINGS menu.



6 - Settings

ACCESS TO THE CONFIGURATION MENU



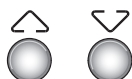
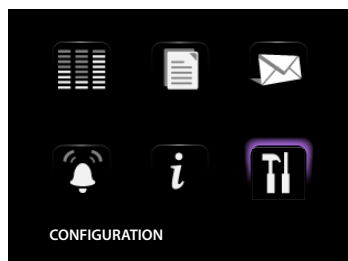
Select **SETTINGS**



OK

Press **OK** to confirm

6.1 - Configuration menu



Select **CONFIGURATION**

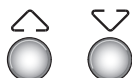


OK

Press **OK** to confirm



A **WARNING** message is displayed

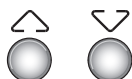
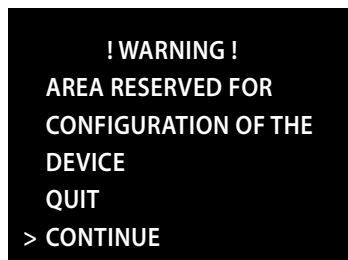


Select **QUIT**



OK

Press **OK** to quit



Select **CONTINUE**



OK



Press **OK** to confirm

6 - Settings


6.1.1 - Options

On selecting OPTIONS access is possible to the following system settings.

> OPTIONS
PARAMETER MODE
H CONFIGURATION
RESET





Select **OPTIONS**





OK

Press **OK** to confirm

> SLAVE <NO>
PAGING <NO>
DEFAULT



Select (e.g.: **SLAVE**)




Select <**NO**>/<**YES**>



SLAVE – the Video Display configured <**YES**> allows the installation of several Video Displays configured with the same N address (max. 3: 1 MASTER – 2 SLAVE).

PAGING – the Video Display configured <**YES**> is enabled to transmit the PAGING call.


SLAVE <NO>
PAGING <NO>
> DEFAULT



Press **C** to return to the next page



Select **DEFAULT** to return to the factory settings (all <**NO**>)



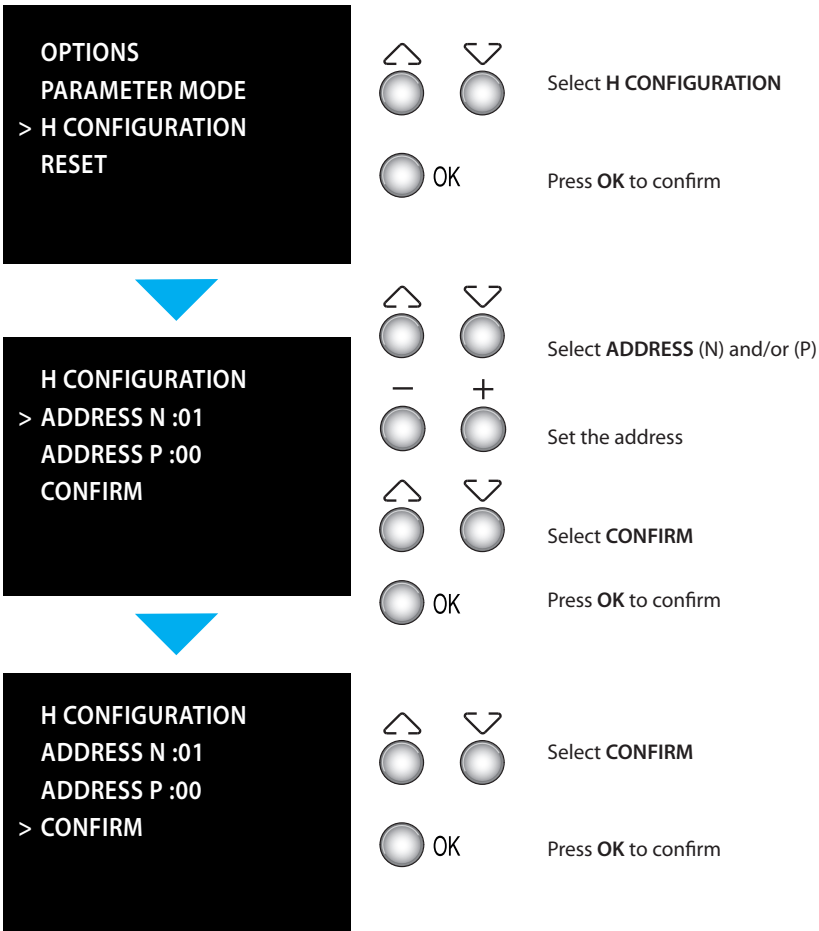
OK

Press **OK** to confirm

6 - Settings

6.1.2 - Handset configuration

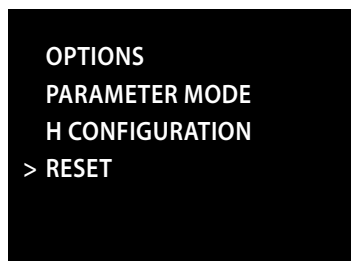
On selecting H CONFIGURATION the address (N) of the Video Display and/or the associated Entrance Panel (P) can be edited.



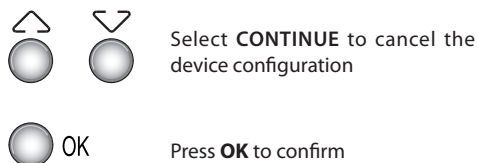
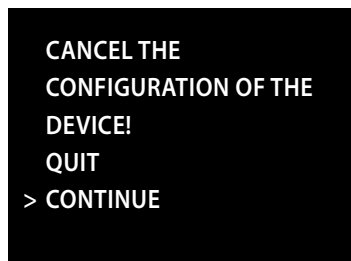
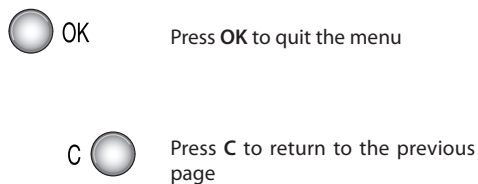
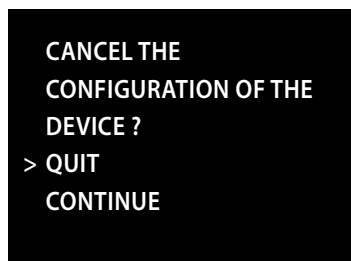
6 - Settings

6.1.3 - Reset

Selecting **RESET** cancels all the data and returns the Video Display to the factory settings.



The following message is displayed



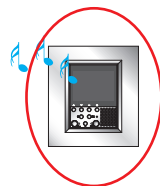
7 - Trouble shooting

PROBLEM	SOLUTION
On pressing the Entrance panel Activation/Cycling (○) key no picture appears	<ul style="list-style-type: none"> - check that the handset and entrance panel have been correctly wired and configured (must have the same P address); - the audio/video channel may be busy, wait for it to become free and try again.
On pressing the Door lock (○→) key the command is not performed	<ul style="list-style-type: none"> - check that the handset and entrance panel have been correctly wired and configured (must have the same P address).
On pressing the OK key the menu does not switch on and the handset gives a busy sound	<ul style="list-style-type: none"> - the audio/video channel is busy, wait for it to become free and try again.
When called the handset does not ring	<ul style="list-style-type: none"> - check that the handset and entrance panel have been correctly wired and configured; - check that the "Call Exclusion" function is not active or that the bell volume has not been zeroed.
When called the handset rings but the monitor does not switch on	<ul style="list-style-type: none"> - check that it has not been set as "Slave".
At the entrance panel it is difficult to hear the caller	<ul style="list-style-type: none"> - talk at a maximum distance of 40 centimetres from the Video Display microphone; - reduce the volume of the entrance panel microphone; - you can communicate in PUSH TO TALK mode (see description on next page).
At the handset it is difficult to hear the caller	<ul style="list-style-type: none"> - check the volume setting on the Video Display; - make sure that there are no strong noise sources near the Video Display; - you can communicate in PUSH TO TALK mode (see description on next page).

7 - Trouble shooting

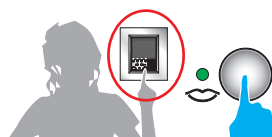
7.1 - Push to talk mode

Receiving a call from the entrance panel.



Press the Connection key to answer the call.

The LED is ON.



During the conversation you can activate the PUSH TO TALK function.

Press the Connection key for at least 2 seconds to talk to the entrance panel.

The LED remains ON.



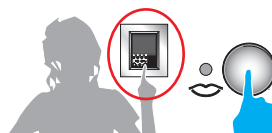
Release the key to hear from the entrance panel.

The LED becomes red.



To end the connection press the connection key briefly.

The LED goes out.



8 - Appendix

TECHNICAL DATA

Power supply	from SCS bus: 18 - 28 V
	from 1 2 : 18 - 28 V
Absorption (Max)	200 mA (in A/V connection)
	8 mA (in stand-by)
Operating temperature	0 - 40 °C

LCD SCREEN NOTE

The LCD screen has been manufactured using advanced high precision technology. It is however possible that sometimes up to 5 small black or coloured dots (red, blue, green) may appear on the LCD screen. This is an absolutely normal result of the manufacturing process and is not indicative of a malfunction and/or fault.

TECHNICAL AFTER-SALES SERVICE

Legrand only accepts responsibility for perfect device operation if it is installed to the state of the art respecting the indications of the product installation manual.

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Legrand reserves at any time the right to modify the contents of this booklet and to communicate, in any form and modality, the changes brought to the same.



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